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54 Title: **Circuit for automatic power-up of high-frequency current in high-frequency coagulators**

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Testing application per § 28b PatG<sup>1</sup> has been submitted.

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<sup>1</sup> Translator's Note: PatG = Patentgesetz = German Patent Law

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Patent Claim 1:

Circuit for automatic power-up of high-frequency current in high-frequency coagulators,

characterized by

two supply lines (1, 2) of which the supply line (1) is connected to the potentiometer (P<sub>1</sub>) whose other connection receives a potential of 9V, of which the supply line (2) is connected to the base of the transistor (T<sub>1</sub>) via the resistance (R<sub>2</sub>). The resistance (R<sub>3</sub>) is connected from the supply line (2) to the null line of the voltage source. The base of the transistor (T<sub>1</sub>) is grounded via the capacitor (C<sub>1</sub>). The collector of the transistor (T<sub>1</sub>) is connected to +9V via the resistance (R<sub>1</sub>). The emitter of the transistor (T<sub>1</sub>) is grounded. The collector of the transistor (T<sub>1</sub>) is connected to the base of the transistor (T<sub>2</sub>) via the potentiometer (P<sub>2</sub>) and the resistance (R<sub>4</sub>). The collector connection of this transistor is connected via the relay (R<sub>e1</sub>) and the diode (D<sub>1</sub>) (which are connected in parallel) back to the collector of the transistor (T<sub>1</sub>). The emitter of the transistor (T<sub>2</sub>) is connected to +9V. The connection point of the potentiometer (P<sub>2</sub>) and of the resistance (R<sub>4</sub>) is grounded via the capacitor (C<sub>2</sub>).